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QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>101002,953</u>	Prepared by <u>NH</u>	Tracking Number <u>05907026</u>	
Examiner-GAU <u>Mills-1763</u>	Date <u>3-12-4</u>	Week Date <u>02/16/04</u>	
	No. of queries <u>1</u>	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE	
a. Page Missing	<p><u>Oath doesn't have any signatures.</u>  <u>Please Advise.</u></p>	
b. Text Continuity		
c. Holes through Data		
d. Other Missing Text		
e. Illegible Text		
f. Duplicate Text		
g. Brief Description		
h. Sequence Listing		
i. Appendix		
j. Amendments		
k. Other		
<b>CLAIMS</b>		
a. Claim(s) Missing		
b. Improper Dependency		
c. Duplicate Numbers		
d. Incorrect Numbering		
e. Index Disagrees		
f. Punctuation		
g. Amendments		
h. Bracketing		
i. Missing Text		
j. Duplicate Text		
k. Other		
	<p><u>Thank you</u></p> <p>initials <u>NH</u></p>	
	<p><b>RESPONSE</b> <u>A Signed Oath was sent by</u>  <u>Applicant 3/29/02.</u>  <u>A Copy is provided.</u></p>	
	initials <u>HC</u>	


125 SUMMER STREET BOSTON MA 02110-1618

T 617 443 9292 F 617 443 0004 WWW.BROMSUN.COM

BROMBERG &amp; SUNSTEIN LLP

## FACSIMILE

TO Examiner Culbert FAX 571-273-1433  
United States Patent and Trademark  
Office

FROM Jeffrey T. Klayman, Esq.  PAGES 18 (INCLUDING THIS SHEET)

PHONE 800-PTO-9199 DATE 3/25/2004

RE Copy of Completion of Filing Requirements

OUR FILE 2550/117 YOUR FILE Application No.: 10/002,953

## COMMENTS

Please see attached.

02467/00104 297915.1

PLEASE NOTIFY BROMBERG &amp; SUNSTEIN LLP AT (617) 443-9292, IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION.

THIS TRANSMITTAL IS INTENDED ONLY FOR THE ADDRESSEE, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED OR CONFIDENTIAL. IF THE RECIPIENT OF THIS TRANSMITTAL IS NOT THE ADDRESSEE, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE.

Practitioner's Docket No. 2550/117

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Felton et al.

Application No.: 10/002,953

Filed: October 23, 2001

For: MEMS Capping Method and Apparatus



Group No.: 4734

Examiner:

Box Missing Part

Commissioner for Patents

Washington, D.C. 20231

## COMPLETION OF FILING REQUIREMENTS

## -- NONPROVISIONAL APPLICATION

I. This replies to the Notice to File Missing Parts of Application (PTO-1533) mailed January 25, 2002.

A copy of the Notice to File Missing Parts of Application--Filing Date Granted (Form PTO-1533) is enclosed.

## DECLARATION OR OATH

II. The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

## CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. SECTION 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

## MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

## FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office at (703) \_\_\_\_ - \_\_\_\_.

Date: March 29, 2002

Signature

Jeffrey T. Klayman

(type or print name of person certifying)

(Completion of Filing Requirements--Nonprovisional Application--page 1 of 3)

**COMPLETION FEES****III.****1. Filing Fee**

Original patent application  
(37 C.F.R. Section 1.16(a)) \$740.00

**2. Surcharge Fees**

Late payment of filing fee  
and/or late filing of original  
declaration or oath  
(37 C.F.R. Section 1.16(e)) \$130.00

3. Assignment (See "ASSIGNMENT  
COVER SHEET") \$ 40.00

Total Completion Fees \$910.00

**EXTENSION OF TIME**

IV. The proceedings herein are for a patent application, and the provisions of 37 C.F.R. Section 1.136(a) apply.

Applicant petitions for an extension of time, the other than small entity fee for which is set out in 37 C.F.R. Section 1.17(a)(1), for one month.

Fee \$110.00

If an additional extension of time is required, please consider this a petition therefor.

**TOTAL FEE DUE****V. The total fee due is:**

Completion fees	\$910.00
Extension fee (if any)	\$110.00
Total Fee Due	\$1,020.00

**PAYMENT OF FEES**

(Completion of Filing Requirements--Nonprovisional Application--page 2 of 3)

VI. Enclosed is a check in the amount of \$1,020.00.

Please charge Account No. 19-4972 for any fees that may be due by this paper.

**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

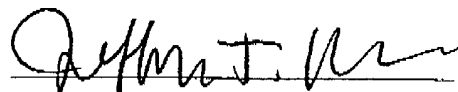
VII. The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the pendency of this application to Account No. 19-4972.

37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)

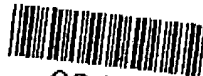
37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims) 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a))

37 C.F.R. Section 1.17 (application processing fees)



Jeffrey T. Klayman, Reg. No. 39,250  
Bromberg & Sunstein LLP  
125 Summer Street  
Boston, MA 02110-1618  
US  
Customer No. 02101



02101

PATENT TRADEMARK OFFICE

(Completion of Filing Requirements--Nonprovisional Application--page 3 of 3)



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/002,953	10/23/2001	Lawrence E. Felton	2550/117

02101  
BROMBERG & SUNSTEIN LLP  
125 SUMMER STREET  
BOSTON, MA 02110-1618**DOCKETED**

CONFIRMATION NO. 5466

FORMALITIES LETTER



\*OC000000007369107\*

Date Mailed: 01/25/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 870.

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Practitioner's Docket No. 2550/117

PATENT

**COMBINED DECLARATION AND POWER OF ATTORNEY****(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)**

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

MEMS Capping Method and Apparatus

**SPECIFICATION IDENTIFICATION**

The specification was filed on October 23, 2001, as Serial No. 10/002,953.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

(Declaration and Power of Attorney--page 1 of 4)

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Jeffrey T. Klayman	39,250
Bruce D. Sunstein	27,234
Robert M. Asher	30,445
Timothy M. Murphy	33,198
Steven G. Saunders	36,265
Harriet M. Strimpel	37,008
Karen A. Buchanan	37,790
Samuel J. Petuchowski	37,910
John J. Stickevers	39,387
Jean M. Tibbetts	43,193
Jay Sandvos	43,900
Sonia K. Guterman	44,729
Keith J. Wood	45,235
Alton Hornsby, III	47,299
Alexander J. Smolenski	47,953
John L. Conway	48,241

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

(Declaration and Power of Attorney--page 2 of 4)



---

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:

Jeffrey T. Klayman  
617-443-9292Jeffrey T. Klayman  
125 Summer Street  
Boston, MA 02110-1618  
USCustomer Number 02101

---

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

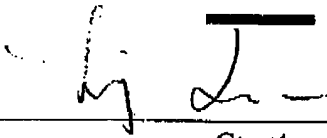
## SIGNATURE(S)

Lawrence E. Felton  
Inventor's signature Lawrence E. Felton  
Date 2/20/02 Country of Citizenship US  
Residence Hopkinton, MA  
Post Office Address 15 Alexander Road, Hopkinton, MA 01748

Peter W. Farrell  
Inventor's signature Peter W. Farrell  
Date 2/25/02 Country of Citizenship US  
Residence Lunenburg, MA  
Post Office Address 7 Fitchview Avenue, Lunenburg, MA 01462

(Declaration and Power of Attorney--page 3 of 4)

Jing Luo

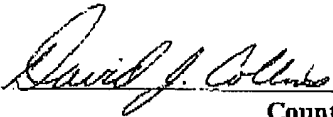
Inventor's signature Date 2/25/02

Country of Citizenship US

Residence Lexington, MA

Post Office Address 3 Ryder Lane, Lexington, MA 02421

David J. Collins

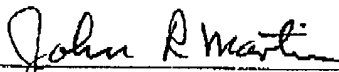
Inventor's signature Date 2/20/02

Country of Citizenship US

Residence Windham, NH

Post Office Address 8 Meadow Road, Windham, NH 03087

John R. Martin

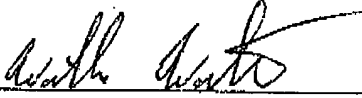
Inventor's signature Date February 25, 2002

Country of Citizenship US

Residence Foxborough, MA

Post Office Address 66 Summer Street, Foxborough, MA 02035

William A. Webster

Inventor's signature Date 2/20/02

Country of Citizenship US

Residence Tewksbury, MA

Post Office Address 8 Kent Street, Tewksbury, MA 01876

(Declaration and Power of Attorney--page 4 of 4)

ASSIGNMENT

ASSIGNOR: Lawrence E. Felton  
Peter W. Farrell  
Jing Luo  
David J. Collins  
John R. Martin  
William A. Webster

ASSIGNEE: Analog Devices, Inc.  
One Technology Way  
Norwood, MA 02062-9106

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

INVENTION: MEMS Capping Method and Apparatus

ATTORNEY DOCKET: 2550/117

SERIAL NO: 10/002,953

FILED: October 23, 2001

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States

application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 2/23/02

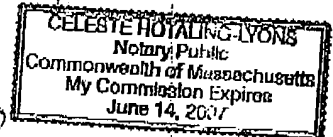
Lawrence E. Felton  
Lawrence E. Felton, Assignor

COMMONWEALTH OF MASSACHUSETTS )  
 ) ss.  
COUNTY OF Middlesex )

Before me, a notary public in and for said county and state, personally appeared Lawrence E. Felton, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Celeste Hotaling Lyons  
Notary Public  
My Commission Expires:

(seal)



Date: 2/25/02

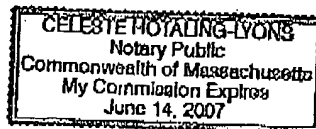
Peter W. Farrell  
Peter W. Farrell, Assignor

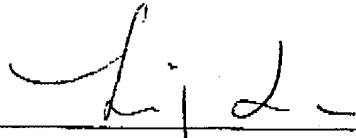
COMMONWEALTH OF MASSACHUSETTS )  
 ) ss.  
COUNTY OF Middlesex )

Before me, a notary public in and for said county and state, personally appeared Peter W. Farrell, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Celeste Hotaling Lyons  
Notary Public  
My Commission Expires:

(seal)

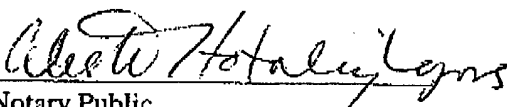
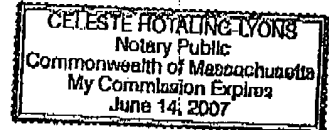


Date: 2/25/02
  
 Jing Luo, Assignor

 COMMONWEALTH OF MASSACHUSETTS )  
 ) ss.  
 COUNTY OF Middlesex )

Before me, a notary public in and for said county and state, personally appeared Jing Luo, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

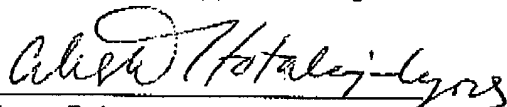
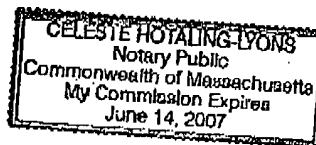
(seal)

  
 Notary Public  
 My Commission Expires:
Date: 2/20/02
  
 David J. Collins, Assignor

 STATE OF NEW HAMPSHIRE )  
 ) ss.  
 COUNTY OF Rockingham )

Before me, a notary public in and for said county and state, personally appeared David J. Collins, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

(seal)

  
 Notary Public  
 My Commission Expires:


Date: Feb. 25, 2002

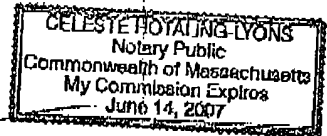
John R. Martin  
John R. Martin, Assignor

COMMONWEALTH OF MASSACHUSETTS )  
COUNTY OF Middlesex ) ss.  
)

Before me, a notary public in and for said county and state, personally appeared John R. Martin, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Celeste Hotaling-Lyons  
Notary Public  
My Commission Expires:

(seal)

Date: 2/20/02

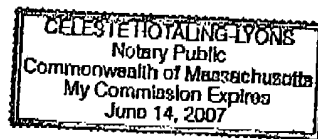
William A. Webster  
William A. Webster, Assignor

COMMONWEALTH OF MASSACHUSETTS )  
COUNTY OF Middlesex ) ss.  
)

Before me, a notary public in and for said county and state, personally appeared William A. Webster, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Celeste Hotaling-Lyons  
Notary Public  
My Commission Expires:

(seal)



185507

JYK/vml

PLEASE DATE STAMP AND RETURN

The Commissioner for Patents has received from Bromberg &amp; Sunstein LLP the following re:

Inventor: Felton et al.

Docket No: 2550/117

Title: MCMS Clipping Method and Apparatus

Art Unit: 1734

Serial/Patent No: 10002,893

Examiner:

Date: March 25, 2002

Filing/Issue Date: October 23, 2001

Express Mail No:

Documents:

- |   |   |
|---|---|
| <input type="checkbox"/> New Application Transmittal  | <input type="checkbox"/> Amendment Transmittal                              |
| <input type="checkbox"/> Provisional Application Cover Sheet  | <input type="checkbox"/> Amendment (Preliminary)                            |
| <input type="checkbox"/> Description - _____ pages  | <input type="checkbox"/> Response _____                                     |
| <input type="checkbox"/> Claims - _____ pages   | <input type="checkbox"/> IDS & References _____                             |
| <input type="checkbox"/> Abstract   | <input checked="" type="checkbox"/> Petition for one (1) month extension    |
| <input type="checkbox"/> Application Data Sheet   | <input type="checkbox"/> Issue Fee Transmittal & Form PTOL-05b              |
| <input type="checkbox"/> Request and Certification under 35 USC 122(b)(2)(D)(i)   | <input type="checkbox"/> Payment of _____ Maintenance Fee                   |
| <input type="checkbox"/> sheets of drawings:<br><input type="checkbox"/> formal <input type="checkbox"/> informal   | <input type="checkbox"/> Request for Corrected Filing Receipt               |
| <input type="checkbox"/> Transmittal of Formal Drawings   | <input checked="" type="checkbox"/> Assignment/Recordation Form Cover Sheet |
| <input checked="" type="checkbox"/> Declaration & Power of Attorney<br>( <input checked="" type="checkbox"/> executed) ( <input type="checkbox"/> unexecuted) | <input checked="" type="checkbox"/> Check in the amount of \$1020.00        |
| <input checked="" type="checkbox"/> Completion of Filing Requirements   | <input type="checkbox"/>  |



44199

**BROMBERG & SUNSTEIN LLP**  
125 SUMMER STREET  
BOSTON, MA 02110

CENTURY BANK & TRUST COMPANY  
BOSTON, MASSACHUSETTS

53-139/113

3/29/02

**PAY**  
TO THE  
ORDER OF

Director of the USPTO

\$ \*\*1,020.00

One Thousand Twenty and 00/100 \*\*\*\*\*

**DEBITS**

MEMO

2550/117

GENERAL ACCOUNT

AUTHORIZED SIGNATURE

NY

Security features. Details on back.

**BROMBERG & SUNSTEIN LLP**  
Director of the USPTO  
5910 · PTO

3/29/02

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**1,020.00**

Cash - Century 2550/117

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